


# EXHIBIT K


**Claim Chart for U.S. Patent No. 10,097,797**  
**COMMUNICATION AND MONITORING SYSTEM**

**Claims 6, 8, and 9**

The SimpliSafe Video Doorbell Pro and all other similar devices provided by SimpliSafe (collectively, the “Doorbell Pro”) infringes at least the claims charted below of United States Patent No. 10,097,797 (the “’797 Patent”), entitled “Communication and Monitoring System,” under 35 U.S.C. § 271(a), either literally or under the doctrine of equivalents. In addition, SimpliSafe indirectly infringes the ‘797 Patent under sections 271(b) and/or 271(c) by instructing, directing, and/or enabling others, including its customers, purchasers, users and developers, alone, or in combination to use the SimpliSafe Doorbell Pro and/or perform all or some of the steps recited in the claims of the ‘797 patent, either literally or under the doctrine of equivalents, and by providing a material or apparatus for use in a patented process, when such material or apparatus is especially adapted for use in the infringement of the ‘797 patent, and is not a staple article or commodity of commerce suitable for substantial non-infringing use.

<b>U.S. Pat. No. 10,097,797</b>	<b>Video Doorbell Pro</b>
[6.1] A detection and viewing system associated with an entrance comprising:	To the extent the preamble is limiting, the Doorbell Pro is a detection and viewing system associated with an entrance.

U.S. Pat. No. 10,097,797	Video Doorbell Pro
	<div data-bbox="613 287 1024 966"></div> <div data-bbox="602 1000 1152 1042"><a href="https://simplisafe.com/video-doorbell-pro">https://simplisafe.com/video-doorbell-pro</a></div>

U.S. Pat. No. 10,097,797	Video Doorbell Pro
	 <p data-bbox="615 1031 1148 1068"><a href="https://simplisafe.com/video-doorbell-pro">https://simplisafe.com/video-doorbell-pro</a></p>

U.S. Pat. No. 10,097,797

## Video Doorbell Pro



### Meet Doorbell Pro

162° Field of View

Smart motion detection

2-way Audio

#### FEATURES

HDR Imaging  
1080p HD  
Infrared Night Vision  
2-way Audio  
Motion Alerts  
Pan and Zoom  
162° Wide Angle Field of View  
Door Chime

#### REQUIREMENTS


Wifi connection  
Existing doorbell setup


<https://simplisafe.com/video-doorbell-pro>



<https://simplisafe.com/video-doorbell-pro>



To the extent the preamble of claim 6 is limiting, the Doorbell Pro is a detection and viewing system associated with an entrance..

U.S. Pat. No. 10,097,797	Video Doorbell Pro
<p>[6.2] an exterior device comprising: a camera; a microphone; a speaker; a motion detector; and a keypad having one or more buttons,</p>	<p>The Doorbell Pro has an exterior device, or video doorbell device, that is placed or mounted on the exterior of an entrance.</p> <p>The Doorbell Pro is a device that is placed or mounted close to the exterior of an entrance.</p>  <p><a href="https://simplisafe.com/video-doorbell-pro">https://simplisafe.com/video-doorbell-pro</a></p> <p>The Doorbell Pro has a camera; a microphone; a speaker; a motion detector; and a keypad having one or more buttons.</p>

U.S. Pat. No. 10,097,797	Video Doorbell Pro
	 <p>Meet Doorbell Pro</p> <p>162° Field of View</p> <p>Smart motion detection</p> <p>2-way Audio</p> <p>SimpliSafe</p> <p><b>FEATURES</b></p> <ul style="list-style-type: none"> <li>HDR Imaging</li> <li>1080p HD</li> <li>Infrared Night Vision</li> <li>2-way Audio</li> <li>Motion Alerts</li> <li>Pan and Zoom</li> <li>162° Wide Angle Field of View</li> <li>Door Chime</li> </ul> <p><b>REQUIREMENTS</b></p> <ul style="list-style-type: none"> <li>Wifi connection</li> <li>Existing doorbell setup</li> </ul> <p><a href="https://simplisafe.com/video-doorbell-pro">https://simplisafe.com/video-doorbell-pro</a></p>
<p>[6.3] wherein the exterior device is capable of wirelessly transmitting digital streaming video, at least partially via the Internet, to a peripheral device, which is a cell phone, upon detection of a person associated with the entrance by the motion detector,</p>	<p>The Doorbell Pro is capable of wirelessly transmitting digital streaming video, at least partially via the Internet, to a peripheral device, which is a cell phone, upon detection of a person associated with the entrance by the motion detector.</p> <p>After installation of the Doorbell Pro, the user is instructed to download a software application, the SimpliSafe app, to the user's Apple iOS or Android cell phone.</p>

U.S. Pat. No. 10,097,797	Video Doorbell Pro
	<div data-bbox="613 285 1329 974"><h1 data-bbox="655 305 1100 509">Secure in minutes</h1><p data-bbox="655 602 1283 776">Anyone can set up Video Doorbell Pro in under thirty minutes. No know-how needed. All it takes is a Phillips head screwdriver. We'll walk you through the rest.</p><div data-bbox="663 857 779 922">Connect Doorbell</div><div data-bbox="863 857 993 922">Download App</div><div data-bbox="1083 857 1188 922">Connect to Wifi</div></div> <p data-bbox="613 979 1146 1011"><a href="https://simplisafe.com/video-doorbell-pro">https://simplisafe.com/video-doorbell-pro</a></p> <p data-bbox="625 1063 1108 1089">In addition, the Video Doorbell Pro requires:</p> <ul data-bbox="667 1135 1858 1320" style="list-style-type: none"><li data-bbox="667 1135 884 1161">• A WiFi connection<ul data-bbox="699 1175 1858 1240" style="list-style-type: none"><li data-bbox="699 1175 1858 1240">• The wireless router must be capable of broadcasting at 2.4GHz and with an active Internet connection to stream video. Most networks fulfill this requirement.</li></ul></li><li data-bbox="667 1255 1125 1281">• An iOS or Android smartphone for setup<ul data-bbox="699 1295 1514 1320" style="list-style-type: none"><li data-bbox="699 1295 1514 1320">• Once installed, the camera can be viewed through a web browser as well</li></ul></li></ul> <p data-bbox="613 1328 1604 1360"><a href="https://support.simplisafe.com/hc/en-us/articles/360035706791-Requirements">https://support.simplisafe.com/hc/en-us/articles/360035706791-Requirements</a></p>



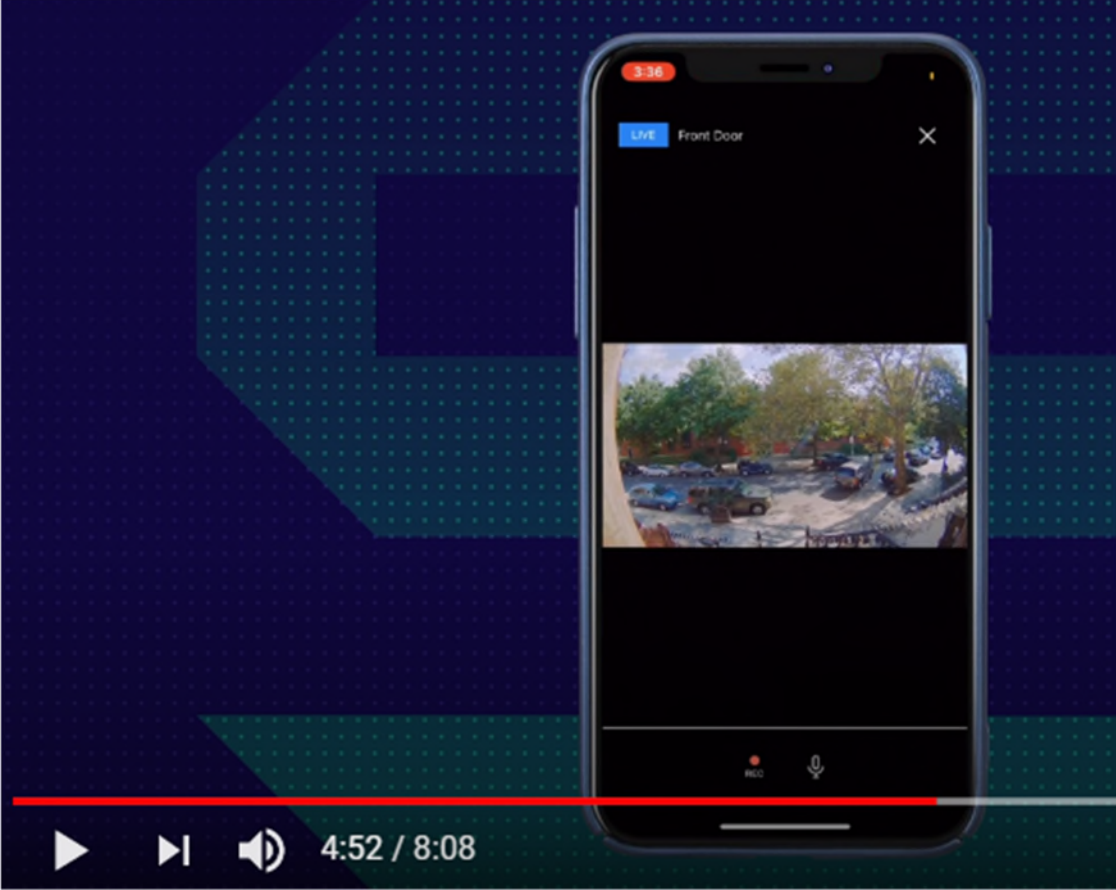
U.S. Pat. No. 10,097,797	Video Doorbell Pro
	<p data-bbox="667 318 695 347">9</p> <p data-bbox="667 388 1094 469">NOW IT'S TIME TO SETUP YOUR WIFI</p> <p data-bbox="667 518 1104 688">Open the SimpliSafe app on your mobile device and navigate to "set up my SimpliCam" to finish installing.</p> <div data-bbox="743 795 1050 896"></div> <div data-bbox="735 940 1056 1034"></div> <p data-bbox="611 1097 1932 1167"><a href="https://support.simplisafe.com/hc/en-us/articles/360029485732-Installation-Guide-for-Video-Doorbell-Pro">https://support.simplisafe.com/hc/en-us/articles/360029485732-Installation-Guide-for-Video-Doorbell-Pro</a></p> <p data-bbox="611 1208 1890 1278">Once the Doorbell Pro is connected, the RF transmitter can transmit real time video via Wi-Fi to the SimpliSafe app on the user's cell-phone.</p>

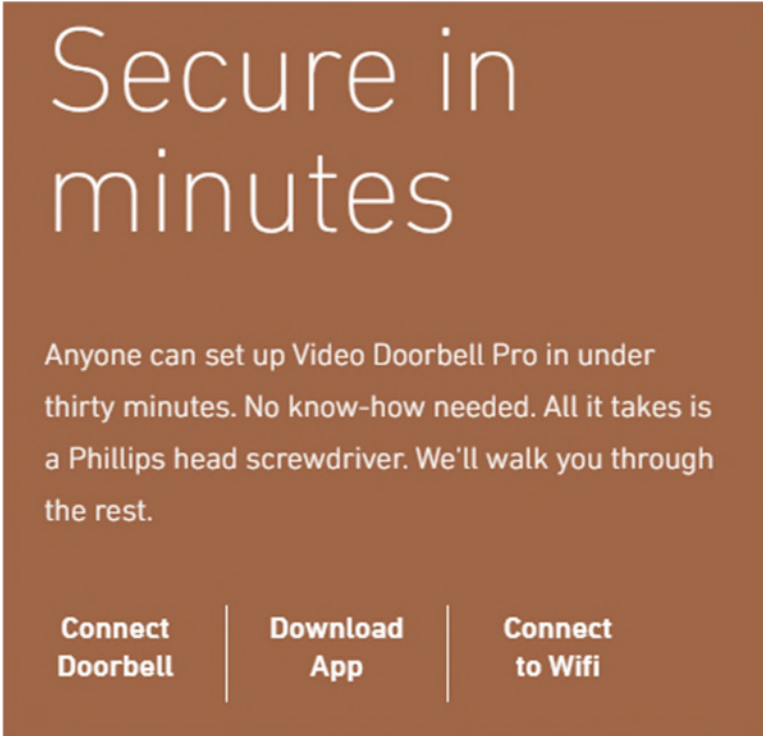
U.S. Pat. No. 10,097,797	Video Doorbell Pro
	<div data-bbox="613 285 1180 799"><h1 data-bbox="632 305 1035 488">Flawless Streaming</h1><p data-bbox="632 548 1150 776">Ultra-clear video takes more than just HD. Doorbell Pro's secret sauce is its compression. Our engineers developed a "variable bitrate compression algorithm," which is a geeky way of saying that with Doorbell Pro you get crystal clear HD video that loads quickly and plays smooth.</p></div> <p data-bbox="613 805 1146 837"><a href="https://simplisafe.com/video-doorbell-pro">https://simplisafe.com/video-doorbell-pro</a></p> <p data-bbox="613 878 1911 943">The Doorbell Pro's motion detector will detect when a person has approached the entrance associated with the user.</p>

U.S. Pat. No. 10,097,797	Video Doorbell Pro
	<div data-bbox="699 326 898 922">A white, vertically-oriented video doorbell with a large circular camera lens at the top, a smaller sensor in the middle, and a large circular silver push button at the bottom. The brand name 'SimpliSafe' is printed in the center.</div> <div data-bbox="1102 326 1722 406"><h1>Meet Doorbell Pro</h1></div> <div data-bbox="1102 462 1396 673"><p>162° Field of View</p><p>Smart motion detection</p><p>2-way Audio</p></div> <div data-bbox="1476 472 1749 779"><p><b>FEATURES</b></p><ul style="list-style-type: none"><li>HDR Imaging</li><li>1080p HD</li><li>Infrared Night Vision</li><li>2-way Audio</li><li>Motion Alerts</li><li>Pan and Zoom</li><li>162° Wide Angle Field of View</li><li>Door Chime</li></ul></div> <div data-bbox="1476 818 1686 914"><p><b>REQUIREMENTS</b></p><ul style="list-style-type: none"><li>Wifi connection</li><li>Existing doorbell setup</li></ul></div> <div data-bbox="615 950 1148 982"><p><a href="https://simplisafe.com/video-doorbell-pro">https://simplisafe.com/video-doorbell-pro</a></p></div>

U.S. Pat. No. 10,097,797	Video Doorbell Pro
	<p data-bbox="638 321 1478 516">Detects people. Ignores distractions.</p> <p data-bbox="638 589 1377 711">Unlike other doorbell cameras, Video Doorbell Pro uses two different sensors.<sup>1</sup> One sensor identifies the heat signature of people, another detects human form. You'll only get alerts for things that count.</p> <ul data-bbox="638 760 968 902" style="list-style-type: none"><li>✓ Thoughtful motion alerts</li><li>✓ Dual-sensor trigger</li><li>✓ Ignores motion from cars</li></ul> <p data-bbox="615 946 1146 979"><a href="https://simplisafe.com/video-doorbell-pro">https://simplisafe.com/video-doorbell-pro</a></p> <p data-bbox="615 1019 1906 1089">After a person is detected at the entrance, the Doorbell Pro can transmit live video of the entrance via the internet and Wi-Fi to the SimpliSafe app on the user's cell phone.</p>



U.S. Pat. No. 10,097,797	Video Doorbell Pro
	<div data-bbox="699 289 1575 841"></div> <div data-bbox="615 849 1148 881"><a href="https://simplisafe.com/video-doorbell-pro">https://simplisafe.com/video-doorbell-pro</a></div>


U.S. Pat. No. 10,097,797	Video Doorbell Pro
	 <p><a href="https://www.youtube.com/watch?v=KbdcIUjvtWM">https://www.youtube.com/watch?v=KbdcIUjvtWM</a> at 4:52 in video.</p>
[6.4] wherein the exterior device is capable of wirelessly transmitting	The Doorbell Pro is capable of wirelessly transmitting digital audio to the peripheral device, at least partially via the Internet, after the detection of the person associated with the entrance by the motion detector.

U.S. Pat. No. 10,097,797	Video Doorbell Pro
<p>digital audio to the peripheral device, at least partially via the Internet, after the detection of the person associated with the entrance by the motion detector,</p>	<p>After installation of the Doorbell Pro the user is instructed to download a software application, the SimpliSafe app, to the user's Apple iOS or Android cell phone.</p>  <p><a href="https://simplisafe.com/video-doorbell-pro">https://simplisafe.com/video-doorbell-pro</a></p>

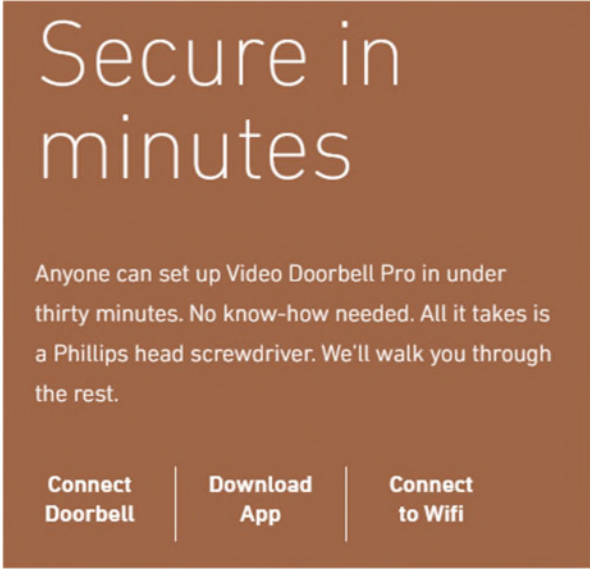
U.S. Pat. No. 10,097,797	Video Doorbell Pro
	<p data-bbox="627 302 1125 329">In addition, the Video Doorbell Pro requires:</p> <ul data-bbox="667 375 1898 565" style="list-style-type: none"><li data-bbox="667 375 894 402">• A WiFi connection<ul data-bbox="701 415 1898 483" style="list-style-type: none"><li data-bbox="701 415 1898 483">• The wireless router must be capable of broadcasting at 2.4GHz and with an active Internet connection to stream video. Most networks fulfill this requirement.</li></ul></li><li data-bbox="667 496 1142 524">• An iOS or Android smartphone for setup<ul data-bbox="701 537 1545 565" style="list-style-type: none"><li data-bbox="701 537 1545 565">• Once installed, the camera can be viewed through a web browser as well</li></ul></li></ul> <p data-bbox="615 574 1604 602"><a href="https://support.simplisafe.com/hc/en-us/articles/360035706791-Requirements">https://support.simplisafe.com/hc/en-us/articles/360035706791-Requirements</a></p>





U.S. Pat. No. 10,097,797	Video Doorbell Pro
	<p data-bbox="674 318 693 345">9</p> <p data-bbox="674 388 1094 469">NOW IT'S TIME TO SETUP YOUR WIFI</p> <p data-bbox="674 519 1104 686">Open the SimpliSafe app on your mobile device and navigate to "set up my SimpliCam" to finish installing.</p> <div data-bbox="743 795 1050 896"></div> <div data-bbox="735 940 1056 1034"></div> <p data-bbox="613 1099 1932 1167"><a href="https://support.simplisafe.com/hc/en-us/articles/360029485732-Installation-Guide-for-Video-Doorbell-Pro">https://support.simplisafe.com/hc/en-us/articles/360029485732-Installation-Guide-for-Video-Doorbell-Pro</a></p> <p data-bbox="613 1208 1911 1276">The Doorbell Pro's motion detector will detect when a person has approached the entrance associated with the user.</p>


<b>U.S. Pat. No. 10,097,797</b>	<b>Video Doorbell Pro</b>
	<div data-bbox="699 326 905 946">A white, vertically-oriented video doorbell with a black camera lens at the top, a small microphone hole, a speaker grille, and a large circular silver chime at the bottom. The brand name 'SimpliSafe' is printed in the middle.</div> <div data-bbox="1119 334 1759 407"><h1>Meet Doorbell Pro</h1></div> <div data-bbox="1119 467 1419 683"><p>162° Field of View</p><p>Smart motion detection</p><p>2-way Audio</p></div> <div data-bbox="1503 477 1785 792"><p><b>FEATURES</b></p><ul style="list-style-type: none"><li>HDR Imaging</li><li>1080p HD</li><li>Infrared Night Vision</li><li>2-way Audio</li><li>Motion Alerts</li><li>Pan and Zoom</li><li>162° Wide Angle Field of View</li><li>Door Chime</li></ul></div> <div data-bbox="1503 834 1719 932"><p><b>REQUIREMENTS</b></p><ul style="list-style-type: none"><li>Wifi connection</li><li>Existing doorbell setup</li></ul></div> <div data-bbox="615 971 1146 1003"><p><a href="https://simplisafe.com/video-doorbell-pro">https://simplisafe.com/video-doorbell-pro</a></p></div>

U.S. Pat. No. 10,097,797	Video Doorbell Pro
	<p data-bbox="632 310 1272 464">Detects people. Ignores distractions.</p> <p data-bbox="632 516 1197 610">Unlike other doorbell cameras, Video Doorbell Pro uses two different sensors.<sup>1</sup> One sensor identifies the heat signature of people, another detects human form. You'll only get alerts for things that count.</p> <ul data-bbox="632 649 882 760" style="list-style-type: none"><li>✓ Thoughtful motion alerts</li><li>✓ Dual-sensor trigger</li><li>✓ Ignores motion from cars</li></ul> <p data-bbox="613 790 1146 821"><a href="https://simplisafe.com/video-doorbell-pro">https://simplisafe.com/video-doorbell-pro</a></p> <p data-bbox="613 863 1902 967">After a person is detected at the entrance, the Doorbell Pro can transmit audio to enable 2-way audio communication via the Internet and Wi-Fi between the person at the entrance and the SimpliSafe app on the user's cell phone.</p> <p data-bbox="632 1016 1486 1063">How to use the Video Doorbell's 2-Way Audio</p> <p data-bbox="632 1133 777 1156"><b>HOW TO USE</b></p> <p data-bbox="632 1190 1182 1213">Two-way audio works on all cameras in the SimpliSafe system.</p> <ul data-bbox="661 1271 1381 1359" style="list-style-type: none"><li>• To speak, hold down the microphone button while viewing the livestream</li><li>• To listen, release the microphone button to hear audio from the camera</li><li>• <b>You will not be able to hear</b> the audio while holding down the microphone button</li></ul>

U.S. Pat. No. 10,097,797	Video Doorbell Pro
	<a href="https://support.simplisafe.com/hc/en-us/articles/360029810471-How-to-use-the-Video-Doorbell-s-2-Way-Audio">https://support.simplisafe.com/hc/en-us/articles/360029810471-How-to-use-the-Video-Doorbell-s-2-Way-Audio</a>
<p>[6.5] wherein the exterior device is capable of receiving the digital audio from the peripheral device after the person associated with the entrance has been detected,</p>	<p>The Doorbell Pro is capable of receiving the digital audio from the peripheral device after the person associated with the entrance has been detected.</p> <p>After installation of the Doorbell Pro the user is instructed to download a software application, the SimpliSafe app, to the user's Apple iOS or Android cell phone.</p>  <p><a href="https://simplisafe.com/video-doorbell-pro">https://simplisafe.com/video-doorbell-pro</a></p>

U.S. Pat. No. 10,097,797	Video Doorbell Pro
	<p data-bbox="627 302 1108 329">In addition, the Video Doorbell Pro requires:</p> <ul data-bbox="667 375 1858 558" style="list-style-type: none"><li data-bbox="667 375 884 402">• A WiFi connection<ul data-bbox="699 412 1858 480" style="list-style-type: none"><li data-bbox="699 412 1858 480">• The wireless router must be capable of broadcasting at 2.4GHz and with an active Internet connection to stream video. Most networks fulfill this requirement.</li></ul></li><li data-bbox="667 492 1125 519">• An iOS or Android smartphone for setup<ul data-bbox="699 529 1514 558" style="list-style-type: none"><li data-bbox="699 529 1514 558">• Once installed, the camera can be viewed through a web browser as well</li></ul></li></ul> <p data-bbox="615 568 1604 596"><a href="https://support.simplisafe.com/hc/en-us/articles/360035706791-Requirements">https://support.simplisafe.com/hc/en-us/articles/360035706791-Requirements</a></p>

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	<p data-bbox="674 318 693 345">9</p> <p data-bbox="674 391 1094 467">NOW IT'S TIME TO SETUP YOUR WIFI</p> <p data-bbox="674 521 1104 683">Open the SimpliSafe app on your mobile device and navigate to "set up my SimpliCam" to finish installing.</p> <div data-bbox="743 797 1050 894"></div> <div data-bbox="735 943 1056 1036"></div> <p data-bbox="613 1101 1932 1166"><a href="https://support.simplisafe.com/hc/en-us/articles/360029485732-Installation-Guide-for-Video-Doorbell-Pro">https://support.simplisafe.com/hc/en-us/articles/360029485732-Installation-Guide-for-Video-Doorbell-Pro</a></p> <p data-bbox="613 1211 1927 1276">The Doorbell Pro will detect when a person has approached the entrance through its motion detector or by the person pressing the doorbell button.</p>

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	<div data-bbox="699 326 905 935">A white, vertically-oriented video doorbell with a black camera lens at the top, a small microphone hole, a speaker grille, and a large circular silver push button at the bottom. The brand name 'SimpliSafe' is printed in the middle.</div> <div data-bbox="1110 331 1743 402"><h1>Meet Doorbell Pro</h1></div> <div data-bbox="1110 464 1333 493"><p>162° Field of View</p></div> <div data-bbox="1110 539 1404 568"><p>Smart motion detection</p></div> <div data-bbox="1110 646 1266 675"><p>2-way Audio</p></div> <div data-bbox="1493 474 1766 786"><p><b>FEATURES</b></p><ul style="list-style-type: none"><li>HDR Imaging</li><li>1080p HD</li><li>Infrared Night Vision</li><li>2-way Audio</li><li>Motion Alerts</li><li>Pan and Zoom</li><li>162° Wide Angle Field of View</li><li>Door Chime</li></ul></div> <div data-bbox="1493 826 1703 922"><p><b>REQUIREMENTS</b></p><ul style="list-style-type: none"><li>Wifi connection</li><li>Existing doorbell setup</li></ul></div> <div data-bbox="615 963 1146 993"><p><a href="https://simplisafe.com/video-doorbell-pro">https://simplisafe.com/video-doorbell-pro</a></p></div>

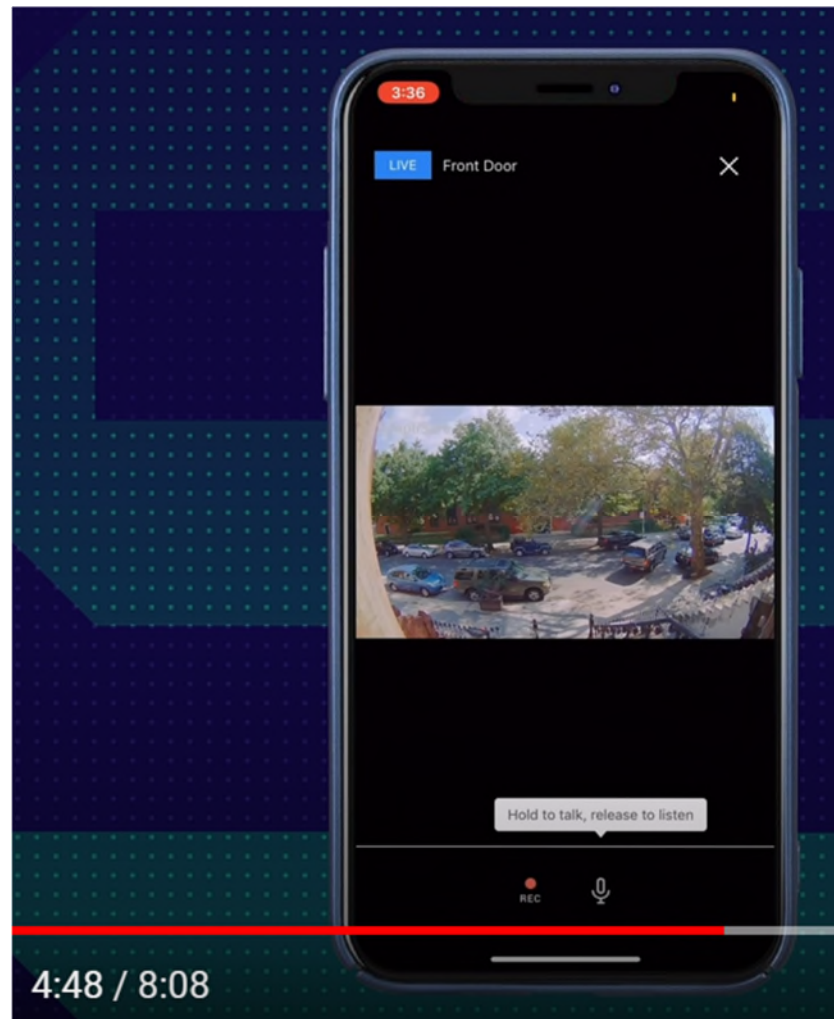
U.S. Pat. No. 10,097,797	Video Doorbell Pro
	<p data-bbox="632 310 1272 464">Detects people. Ignores distractions.</p> <p data-bbox="632 516 1197 610">Unlike other doorbell cameras, Video Doorbell Pro uses two different sensors.<sup>1</sup> One sensor identifies the heat signature of people, another detects human form. You'll only get alerts for things that count.</p> <ul data-bbox="632 649 884 756" style="list-style-type: none"><li>✓ Thoughtful motion alerts</li><li>✓ Dual-sensor trigger</li><li>✓ Ignores motion from cars</li></ul> <p data-bbox="613 790 1146 821"><a href="https://simplisafe.com/video-doorbell-pro">https://simplisafe.com/video-doorbell-pro</a></p> <p data-bbox="613 863 1902 967">After a person is detected at the entrance, the Doorbell Pro can transmit audio to enable 2-way audio communication via the Internet and Wi-Fi between the person at the entrance and the SimpliSafe app on the user's cell phone.</p> <p data-bbox="632 1016 1486 1063">How to use the Video Doorbell's 2-Way Audio</p> <p data-bbox="632 1133 777 1156"><b>HOW TO USE</b></p> <p data-bbox="632 1190 1182 1213">Two-way audio works on all cameras in the SimpliSafe system.</p> <ul data-bbox="661 1271 1381 1359" style="list-style-type: none"><li>• To speak, hold down the microphone button while viewing the livestream</li><li>• To listen, release the microphone button to hear audio from the camera</li><li>• You will not be able to hear the audio while holding down the microphone button</li></ul>




**U.S. Pat. No. 10,097,797**


**Video Doorbell Pro**

<https://support.simplisafe.com/hc/en-us/articles/360029810471-How-to-use-the-Video-Doorbell-s-2-Way-Audio>



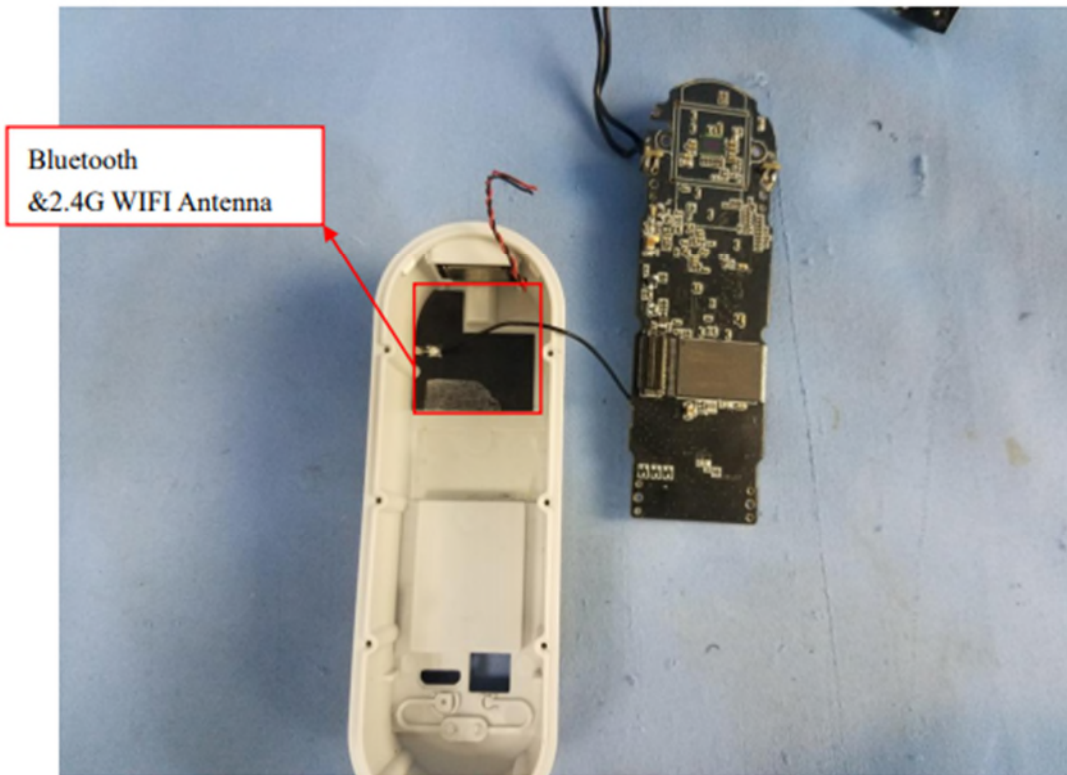
U.S. Pat. No. 10,097,797	Video Doorbell Pro
	<a href="https://www.youtube.com/watch?v=KbdcIUjvtWM">https://www.youtube.com/watch?v=KbdcIUjvtWM</a> at 4:48 in video.
<p>[6.6] wherein the exterior device is capable of playing the digital audio received from the peripheral device through the speaker of the exterior device,</p>	<p>The Doorbell Pro is capable of playing digital audio received from the peripheral device through the speaker.</p> <p>The Doorbell Pro has a speaker that enables 2-way audio communication between the person at the entrance and the user's cell phone.</p> <p>How to use the Video Doorbell's 2-Way Audio</p> <p><b>HOW TO USE</b></p> <p>Two-way audio works on all cameras in the SimpliSafe system.</p> <ul style="list-style-type: none"> <li>• To speak, hold down the microphone button while viewing the livestream</li> <li>• To listen, release the microphone button to hear audio from the camera</li> <li>• You will not be able to hear the audio while holding down the microphone button</li> </ul> <p><a href="https://support.simplisafe.com/hc/en-us/articles/360029810471-How-to-use-the-Video-Doorbell-s-2-Way-Audio">https://support.simplisafe.com/hc/en-us/articles/360029810471-How-to-use-the-Video-Doorbell-s-2-Way-Audio</a></p>

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	 <p>Meet Doorbell Pro</p> <p>162° Field of View</p> <p>Smart motion detection</p> <p>2-way Audio</p> <p>SimpliSafe</p> <p><b>FEATURES</b></p> <ul style="list-style-type: none"> <li>HDR Imaging</li> <li>1080p HD</li> <li>Infrared Night Vision</li> <li>2-way Audio</li> <li>Motion Alerts</li> <li>Pan and Zoom</li> <li>162° Wide Angle Field of View</li> <li>Door Chime</li> </ul> <p><b>REQUIREMENTS</b></p> <ul style="list-style-type: none"> <li>Wifi connection</li> <li>Existing doorbell setup</li> </ul> <p><a href="https://simplisafe.com/video-doorbell-pro">https://simplisafe.com/video-doorbell-pro</a></p>
[6.7] wherein the exterior device is capable of operating in a low light condition,	<p>The Doorbell Pro is capable of operating in low light conditions.</p> <p>For example, the Doorbell Pro will emit infrared light to maximize the visibility of the camera to allow system operation during low-light or nighttime.</p> <p>Night Vision</p> <p>During night time, the Video Doorbell Pro will emit infrared light to maximize the visibility in the picture.</p> <p>Night vision can be adjusted in the settings. <a href="#">Learn more here.</a></p>

U.S. Pat. No. 10,097,797	Video Doorbell Pro
	<a href="https://support.simplisafe.com/hc/en-us/articles/360035333392-Night-Vision">https://support.simplisafe.com/hc/en-us/articles/360035333392-Night-Vision</a>
<p>[6.8] wherein the exterior device comprises an antenna for transmission of the digital streaming video and the digital audio, and</p>	<p>The Doorbell Pro has an antenna for transmission of the digital streaming video and the digital audio.</p> <p>For example, the Doorbell Pro has an antenna to allow it to communicate via WiFi.</p>  <p><b>Meet Doorbell Pro</b></p> <p>162° Field of View</p> <p>Smart motion detection</p> <p>2-way Audio</p> <p><b>FEATURES</b></p> <ul style="list-style-type: none"> <li>HDR Imaging</li> <li>1080p HD</li> <li>Infrared Night Vision</li> <li>2-way Audio</li> <li>Motion Alerts</li> <li>Pan and Zoom</li> <li>162° Wide Angle Field of View</li> <li>Door Chime</li> </ul> <p><b>REQUIREMENTS</b></p> <ul style="list-style-type: none"> <li>Wifi connection</li> <li>Existing doorbell setup</li> </ul> <p><a href="https://simplisafe.com/video-doorbell-pro">https://simplisafe.com/video-doorbell-pro</a></p>

**U.S. Pat. No. 10,097,797**

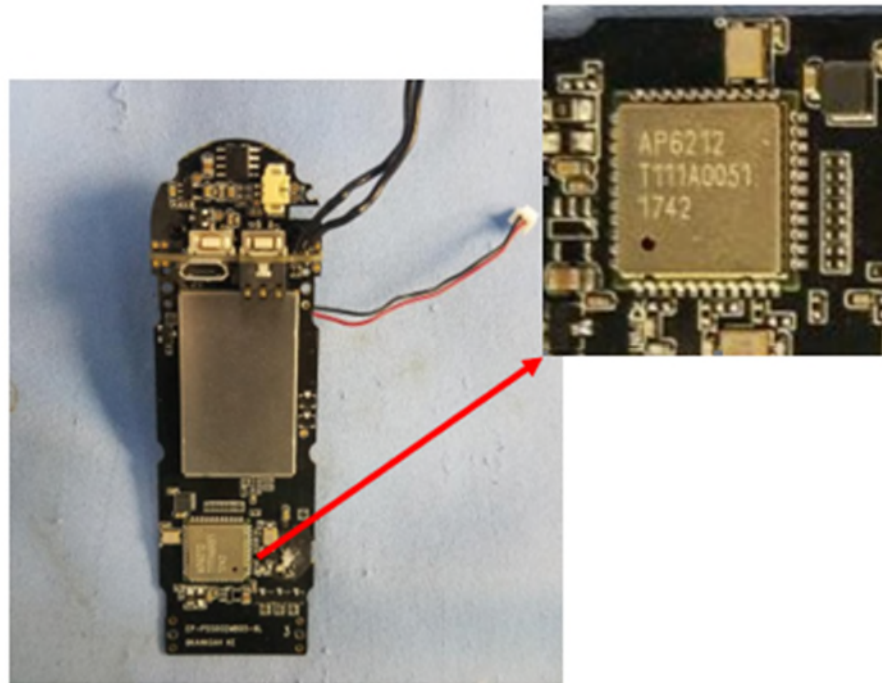
**Video Doorbell Pro**



<https://apps.fcc.gov/eas/GetApplicationAttachment.html?calledFromFrame=Y&id=4014404>

**U.S. Pat. No. 10,097,797**

**Video Doorbell Pro**



<https://apps.fcc.gov/eas/GetApplicationAttachment.html?calledFromFrame=Y&id=4014404> (AP6212 WI-FI/BT SIP MODULE)

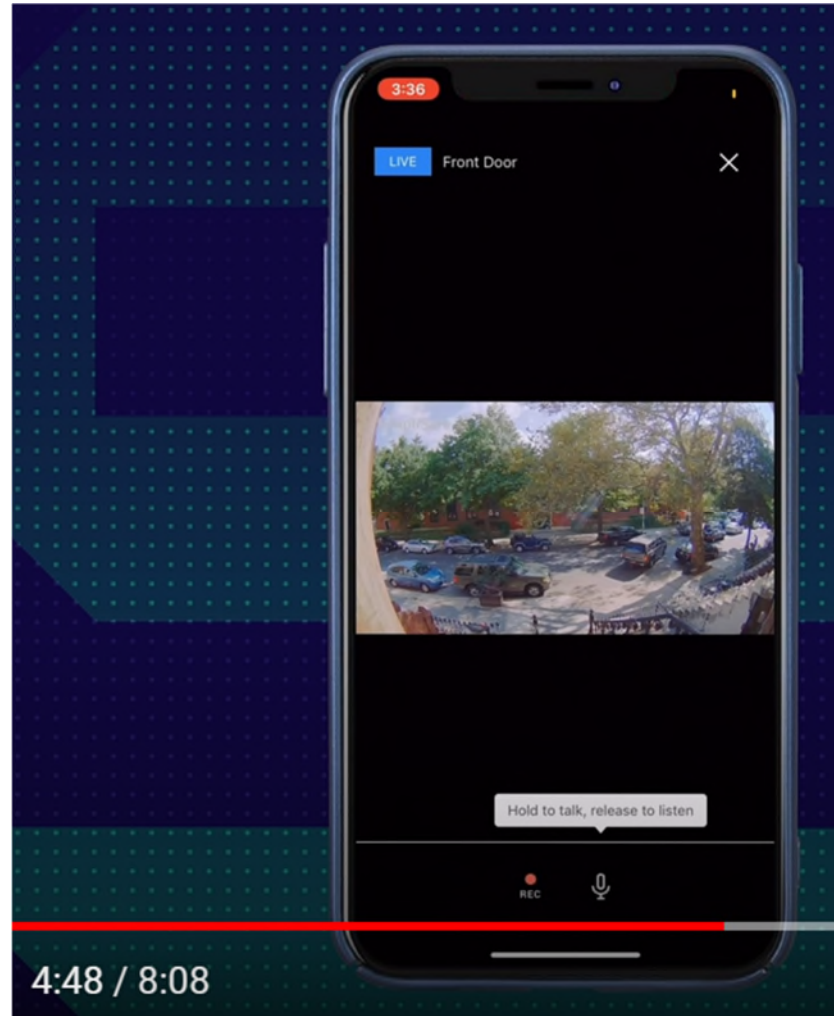
The Doorbell Pro's antenna enables the transmission of digital video and audio to the SimpliSafe app on the users cell phone.

U.S. Pat. No. 10,097,797	Video Doorbell Pro
	<div data-bbox="613 285 1180 799"><h1 data-bbox="632 305 1035 488">Flawless Streaming</h1><p data-bbox="632 548 1150 776">Ultra-clear video takes more than just HD. Doorbell Pro's secret sauce is its compression. Our engineers developed a "variable bitrate compression algorithm," which is a geeky way of saying that with Doorbell Pro you get crystal clear HD video that loads quickly and plays smooth.</p></div> <p data-bbox="613 805 1146 837"><a href="https://simplisafe.com/video-doorbell-pro">https://simplisafe.com/video-doorbell-pro</a></p> <h2 data-bbox="632 883 1486 932">How to use the Video Doorbell's 2-Way Audio</h2> <p data-bbox="632 1000 777 1024"><b>HOW TO USE</b></p> <p data-bbox="632 1057 1182 1081">Two-way audio works on all cameras in the SimpliSafe system.</p> <ul data-bbox="663 1138 1381 1227" style="list-style-type: none"><li>• To speak, hold down the microphone button while viewing the livestream</li><li>• To listen, release the microphone button to hear audio from the camera</li><li>• You will not be able to hear the audio while holding down the microphone button</li></ul> <p data-bbox="613 1247 1900 1320"><a href="https://support.simplisafe.com/hc/en-us/articles/360029810471-How-to-use-the-Video-Doorbell-s-2-Way-Audio">https://support.simplisafe.com/hc/en-us/articles/360029810471-How-to-use-the-Video-Doorbell-s-2-Way-Audio</a></p>



**U.S. Pat. No. 10,097,797**

**Video Doorbell Pro**



4:48 / 8:08

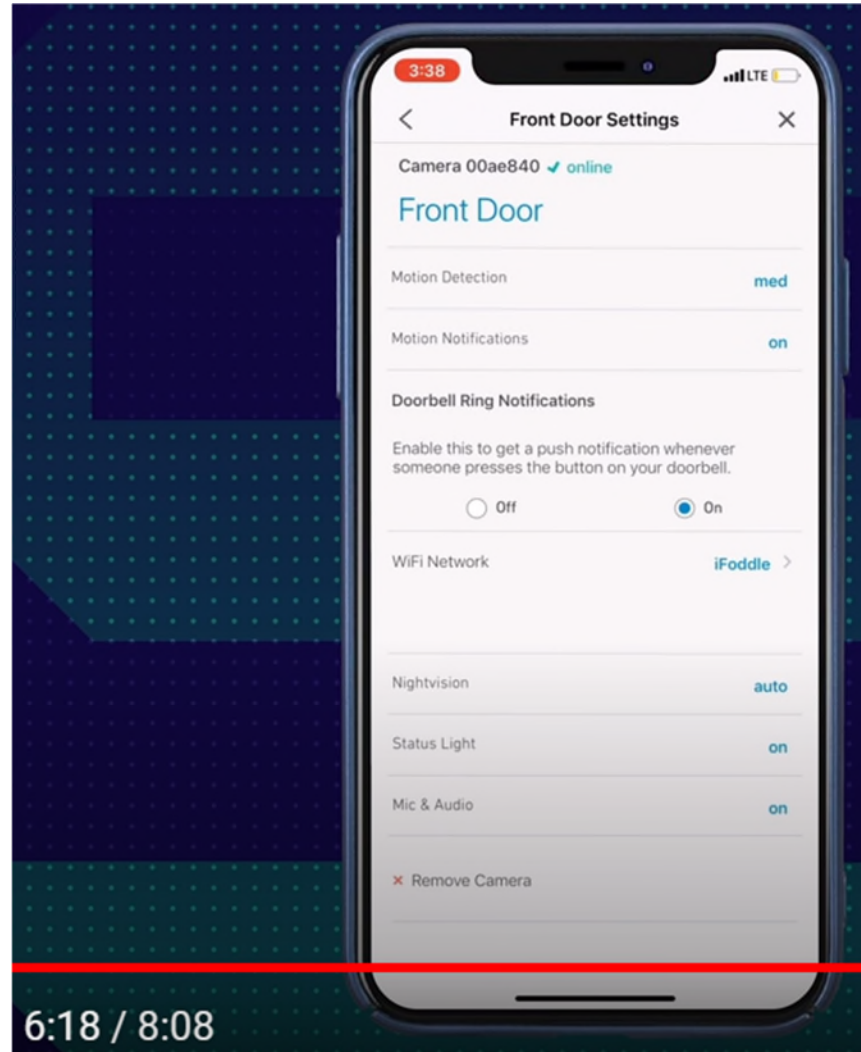
<https://www.youtube.com/watch?v=KbdcIUjvtWM> at 4:48 in video.



U.S. Pat. No. 10,097,797	Video Doorbell Pro
<p>[6.9] wherein the exterior device is capable of encrypting the digital streaming video or the digital audio during or before the transmission of the digital streaming video or the digital audio.</p>	<p>The Doorbell Pro is capable of encrypting the digital streaming video or the digital audio during or before the transmission of the digital streaming video or the digital audio.</p> <p>All communications between the Doorbell Pro and the SimpliSafe app are encrypted.</p> <p><b>23. Is the SimpliSafe system secure?</b></p> <p>SimpliSafe uses end-to-end encoding, 256-bit encryption, and SSL security certification to keep your data safe. These industry-leading security measures are robust and designed to stop hackers from using home security data for malicious purposes.</p> <p><a href="https://www.security.org/home-security-systems/simplisafe/faqs/">https://www.security.org/home-security-systems/simplisafe/faqs/</a></p> <ul style="list-style-type: none"> <li>• All communication between the base station, the app and our indoor and outdoor cameras -- whether it happens via Wi-Fi or via cellular signal -- is encrypted.</li> </ul> <p><a href="https://www.cnet.com/news/home-security-systems-video-doorbells-user-privacy-data-security-abode-adt-comcast-nest-ring-simplisafe/">https://www.cnet.com/news/home-security-systems-video-doorbells-user-privacy-data-security-abode-adt-comcast-nest-ring-simplisafe/</a></p>
<p>8. The system of claim 6, wherein the exterior device is capable of receiving one or more instructions to modify one or more control settings for operation of the camera,</p>	<p>The Doorbell Pro system is capable of receiving one or more instructions to modify one or more control settings for operation of the camera.</p> <p>The SimpliSafe app allows the user to adjust the sensitivity of the proximity or motion detector.</p>

U.S. Pat. No. 10,097,797

Video Doorbell Pro



<https://www.youtube.com/watch?v=KbdcIUjvtWM> at 6:18 of video.

U.S. Pat. No. 10,097,797

## Video Doorbell Pro

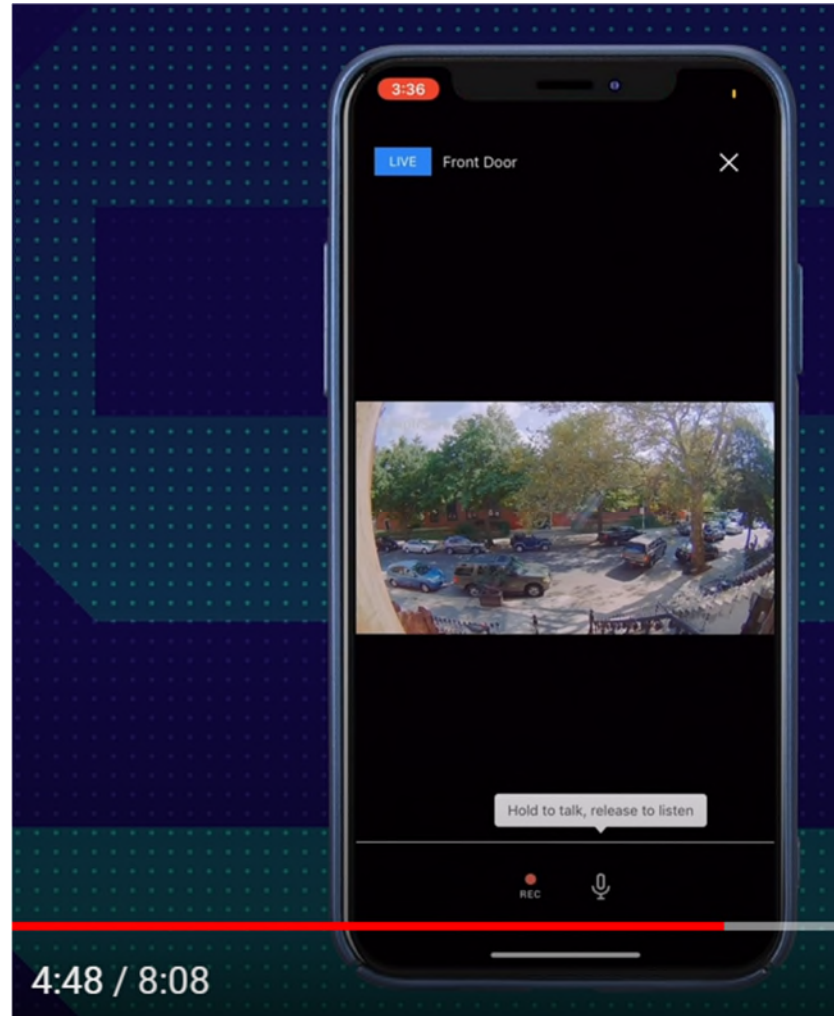
Setting	Explanation	Setting Options	Default Value
<i>Motion Detection:</i> Motion Events	Allows you to turn Motion Detection on or off.	On Off	On
<i>Motion Detection:</i> Motion Notification	Determines whether you will receive push notifications for motion events for your smartphone.	Off On	On
<i>Motion Detection:</i> Sensitivity (DAY)	Determines the sensitivity of detecting general movements during the day. This affects both notifications and automatic recordings.	Low Medium High	Medium
<i>Motion Detection:</i> Sensitivity (NIGHT)	Determines the sensitivity of detecting general movements during at night. This affects both notifications and automatic recordings.	Low Medium High	Medium
<i>Motion Detection:</i> Motion Type	Allows you to determine whether to focus on the movement of people or all types of movement.	People Only All Motion	People Only

<https://support.simplisafe.com/hc/en-us/articles/360029808731-How-do-I-change-my-doorbell-s-settings->

U.S. Pat. No. 10,097,797	Video Doorbell Pro
<p>wherein the system is capable of displaying an icon that, upon selection, enables a user to speak with the person at the entrance, and wherein at least a portion of the digital streaming video is played at the same time the icon is displayed on the peripheral device.</p>	<p>The Doorbell Pro system is capable of displaying an icon that, upon selection, enables a user to speak with the person at the entrance, and wherein at least a portion of the digital streaming video is played at the same time the icon is displayed on the peripheral device.</p> <p>For example, a user can transmit audio through the SimpliSafe app by pressing the microphone icon when seeing live video of the entrance.</p> <p>How to use the Video Doorbell's 2-Way Audio</p> <p>HOW TO USE</p> <p>Two-way audio works on all cameras in the SimpliSafe system.</p> <ul style="list-style-type: none"><li>• To speak, hold down the microphone button while viewing the livestream</li><li>• To listen, release the microphone button to hear audio from the camera</li><li>• You will not be able to hear the audio while holding down the microphone button</li></ul> <p><a href="https://support.simplisafe.com/hc/en-us/articles/360029810471-How-to-use-the-Video-Doorbell-s-2-Way-Audio">https://support.simplisafe.com/hc/en-us/articles/360029810471-How-to-use-the-Video-Doorbell-s-2-Way-Audio</a></p>


**U.S. Pat. No. 10,097,797**


**Video Doorbell Pro**



4:48 / 8:08

<https://www.youtube.com/watch?v=KbdcIUjvtWM> at 4:48 in video.


U.S. Pat. No. 10,097,797	Video Doorbell Pro
<p>[9.1] A method for a communication system for interacting with a person at an entrance comprising an exterior device associated with the entrance, the method comprising the steps of:</p>	<p>To the extent the preamble is limiting, Respondent performs a method for a communication system for interacting with a person at an entrance comprising an exterior device associated with the entrance.</p>  <p><a href="https://simplisafe.com/video-doorbell-pro">https://simplisafe.com/video-doorbell-pro</a></p>

U.S. Pat. No. 10,097,797	Video Doorbell Pro
	 <p data-bbox="615 1031 1146 1065"><a href="https://simplisafe.com/video-doorbell-pro">https://simplisafe.com/video-doorbell-pro</a></p>

U.S. Pat. No. 10,097,797	Video Doorbell Pro
	<div data-bbox="695 323 890 906">A white, vertically-oriented video doorbell with a black camera lens at the top, a small microphone hole, a speaker grille, and a large silver doorbell button at the bottom. The brand name 'SimpliSafe' is printed in the middle.</div> <div data-bbox="1087 329 1688 396"><h1>Meet Doorbell Pro</h1></div> <div data-bbox="1087 456 1297 483"><p>162° Field of View</p></div> <div data-bbox="1087 526 1367 553"><p>Smart motion detection</p></div> <div data-bbox="1087 630 1236 657"><p>2-way Audio</p></div> <div data-bbox="1451 464 1566 487"><p><b>FEATURES</b></p></div> <div data-bbox="1451 500 1713 763"><ul style="list-style-type: none"><li>HDR Imaging</li><li>1080p HD</li><li>Infrared Night Vision</li><li>2-way Audio</li><li>Motion Alerts</li><li>Pan and Zoom</li><li>162° Wide Angle Field of View</li><li>Door Chime</li></ul></div> <div data-bbox="1451 802 1623 824"><p><b>REQUIREMENTS</b></p></div> <div data-bbox="1451 837 1652 893"><ul style="list-style-type: none"><li>Wifi connection</li><li>Existing doorbell setup</li></ul></div> <div data-bbox="615 930 1146 963"><p><a href="https://simplisafe.com/video-doorbell-pro">https://simplisafe.com/video-doorbell-pro</a></p></div>



U.S. Pat. No. 10,097,797	Video Doorbell Pro
	 <p><a href="https://simplisafe.com/video-doorbell-pro">https://simplisafe.com/video-doorbell-pro</a></p> <p>To the extent the preamble of claim 9 is limiting, the Doorbell Pro is a communication system that enables interacting with a person at an entrance comprising an exterior device associated with the entrance, with the method of claim 9 at least as explained below.</p>
<p>[9.2] recording video using the exterior device, which comprises a digital camera, a microphone, a speaker, a transceiver, a keypad having one or more buttons, and a motion sensor;</p>	<p>The Doorbell Pro is able to record video and is comprised of a digital camera, a microphone, a speaker, a transceiver, a keypad having one or more buttons, and a motion sensor.</p>

U.S. Pat. No. 10,097,797	Video Doorbell Pro
	<div data-bbox="611 277 1856 1179"><div data-bbox="699 326 898 930">A white, vertically-oriented video doorbell with a black camera lens at the top, a small microphone hole, a status light, and a large circular silver push button at the bottom. The brand name 'SimpliSafe' is printed in the middle.</div><div data-bbox="1104 334 1730 402"><h1>Meet Doorbell Pro</h1></div><div data-bbox="1104 464 1327 492"><p>162° Field of View</p></div><div data-bbox="1104 537 1398 565"><p>Smart motion detection</p></div><div data-bbox="1104 646 1262 673"><p>2-way Audio</p></div><div data-bbox="1482 474 1602 495"><p><b>FEATURES</b></p></div><div data-bbox="1482 509 1755 781"><ul style="list-style-type: none"><li>HDR Imaging</li><li>1080p HD</li><li>Infrared Night Vision</li><li>2-way Audio</li><li>Motion Alerts</li><li>Pan and Zoom</li><li>162° Wide Angle Field of View</li><li>Door Chime</li></ul></div><div data-bbox="1482 824 1663 846"><p><b>REQUIREMENTS</b></p></div><div data-bbox="1482 860 1692 917"><ul style="list-style-type: none"><li>Wifi connection</li><li>Existing doorbell setup</li></ul></div><div data-bbox="611 958 1146 989"><p><a href="https://simplisafe.com/video-doorbell-pro">https://simplisafe.com/video-doorbell-pro</a></p></div><div data-bbox="611 1066 1856 1133"><p>For example, the SimpliSafe App provides a record icon button that allows a user to record video transmitted from the Doorbell Pro.</p></div></div>

**U.S. Pat. No. 10,097,797**

**Video Doorbell Pro**

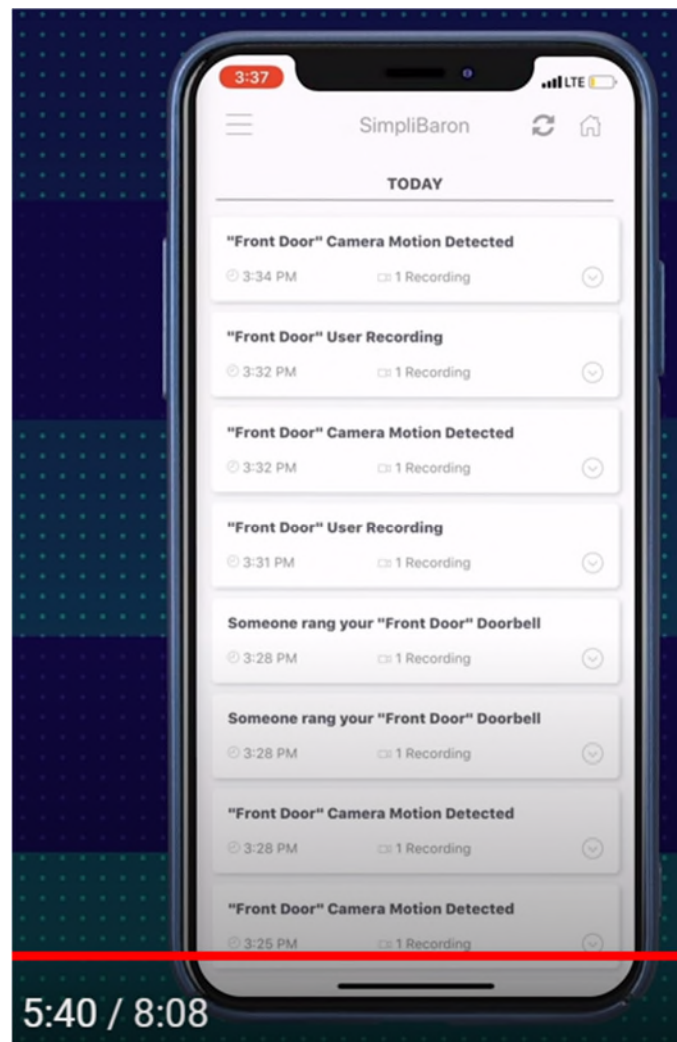


<https://simplisafe.com/video-doorbell-pro>

In addition, the SimpliSafe app stores recordings of video taken by the Doorbell Pro.

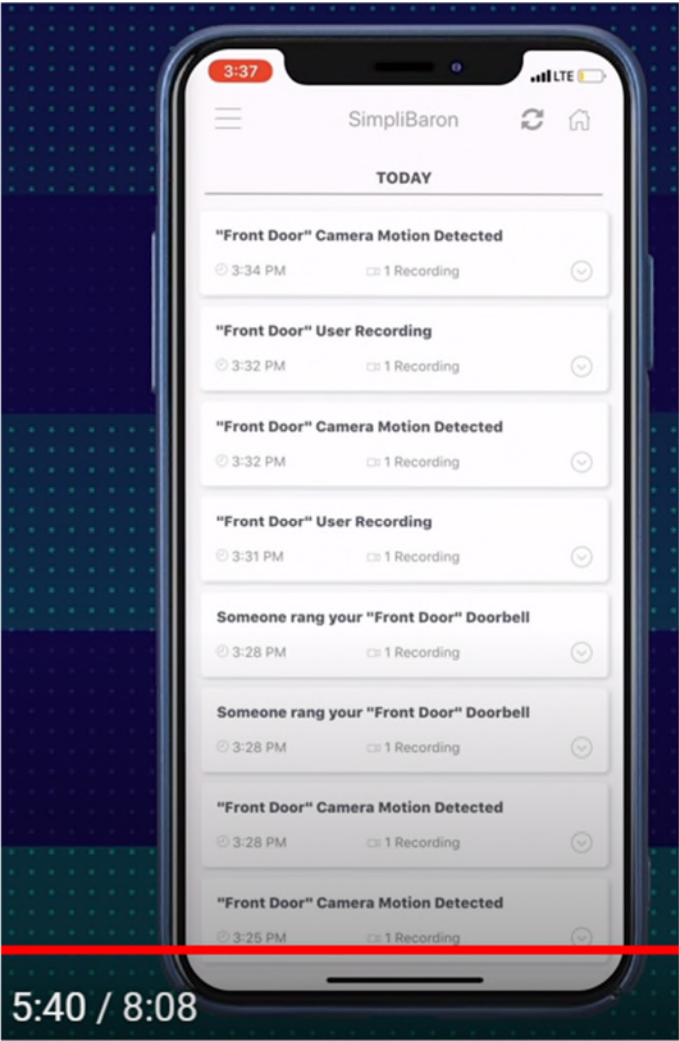
U.S. Pat. No. 10,097,797

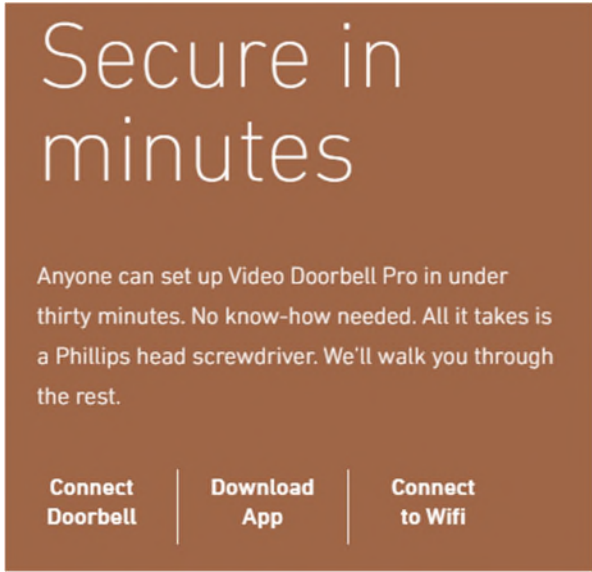
Video Doorbell Pro

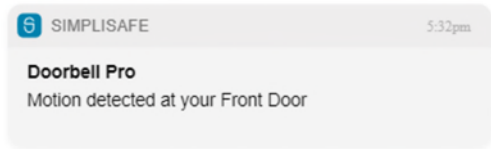
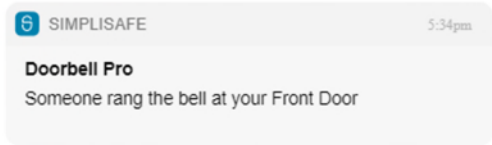


<https://www.youtube.com/watch?v=KbdcIUjvtWM> at 5:40 of the video.

U.S. Pat. No. 10,097,797	Video Doorbell Pro
[9.3] associating a timestamp with the recorded video;	The Doorbell Pro can associate a timestamp with the recorded video. For example, the Doorbell Pro can provide the date and time that every video is recorded.


U.S. Pat. No. 10,097,797	Video Doorbell Pro
	<div data-bbox="615 285 1289 1320"></div> <div data-bbox="615 1320 1537 1356"><p><a href="https://www.youtube.com/watch?v=KbdcIUjvtWM">https://www.youtube.com/watch?v=KbdcIUjvtWM</a> at 5:40 of the video.</p></div>

U.S. Pat. No. 10,097,797	Video Doorbell Pro
	<p>Based on the timestamp used with the recorded video on the SimpliSafe app, Complainants believe that the timestamp is associated with the recorded video. Complainants will require additional discovery into the exact nature of the timestamp and reserves its right to amend these disclosures based on such discovery.</p>
<p>[9.4] wirelessly transmitting the recorded video and digital audio from the exterior device to a peripheral device at least partially via the Internet upon detection of the person at the entrance via the motion sensor or pressing of the one or more buttons of the keypad;</p>	<p>The Doorbell Pro can wirelessly transmit recorded video and digital audio from the exterior device to a peripheral device at least partially via the Internet upon detection of the person at the entrance via the motion sensor or pressing of the one or more buttons of the keypad.</p> <p>After installation of the Doorbell Pro, the user is instructed to download a software application, the SimpliSafe app, to the user's Apple iOS or Android cell phone.</p>  <p><a href="https://simplisafe.com/video-doorbell-pro">https://simplisafe.com/video-doorbell-pro</a></p>

U.S. Pat. No. 10,097,797	Video Doorbell Pro
	<p>In addition, the Video Doorbell Pro requires:</p> <ul style="list-style-type: none"><li>• A WiFi connection<ul style="list-style-type: none"><li>• The wireless router must be capable of broadcasting at 2.4GHz and with an active Internet connection to stream video. Most networks fulfill this requirement.</li></ul></li><li>• An iOS or Android smartphone for setup<ul style="list-style-type: none"><li>• Once installed, the camera can be viewed through a web browser as well</li></ul></li></ul> <p><a href="https://support.simplisafe.com/hc/en-us/articles/360035706791-Requirements">https://support.simplisafe.com/hc/en-us/articles/360035706791-Requirements</a></p> <p>When a person is detected at the entrance by the Doorbell Pro, either by the proximity sensor or the primary doorbell button, the Doorbell Pro can transmit a message notifying the detection to the user's SimpliSafe app.</p> <div data-bbox="699 824 1186 972">A screenshot of a notification from the SimpliSafe app. It features a blue icon with a white 'S' in a circle, followed by the text 'SIMPLISAFE' and a timestamp '5:32pm'. Below this, it says 'Doorbell Pro' and 'Motion detected at your Front Door'.</div> <div data-bbox="646 1052 1134 1195">A screenshot of a notification from the SimpliSafe app. It features a blue icon with a white 'S' in a circle, followed by the text 'SIMPLISAFE' and a timestamp '5:34pm'. Below this, it says 'Doorbell Pro' and 'Someone rang the bell at your Front Door'.</div> <p><a href="https://simplisafe.com/video-doorbell-pro">https://simplisafe.com/video-doorbell-pro</a></p>



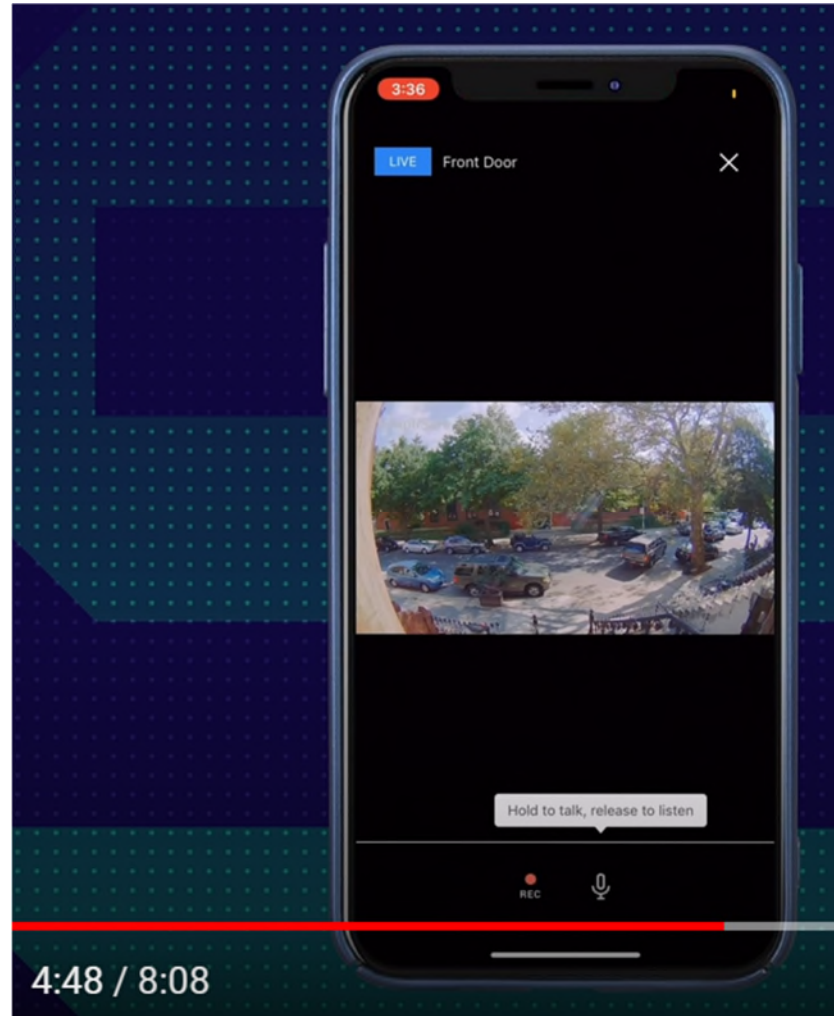
U.S. Pat. No. 10,097,797	Video Doorbell Pro
	<p data-bbox="613 289 1900 362">Once the Doorbell Pro is connected, the RF transmitter can transmit recorded digital video and audio via Wi-Fi to the SimpliSafe app on the user's cell phone.</p> <div data-bbox="613 394 1180 909"><p data-bbox="632 418 1033 597">Flawless Streaming</p><p data-bbox="632 662 1150 889">Ultra-clear video takes more than just HD. Doorbell Pro's secret sauce is its compression. Our engineers developed a "variable bitrate compression algorithm," which is a geeky way of saying that with Doorbell Pro you get crystal clear HD video that loads quickly and plays smooth.</p></div> <p data-bbox="613 914 1146 946"><a href="https://simplisafe.com/video-doorbell-pro">https://simplisafe.com/video-doorbell-pro</a></p>

U.S. Pat. No. 10,097,797	Video Doorbell Pro
	 <p><a href="https://simplisafe.com/video-doorbell-pro">https://simplisafe.com/video-doorbell-pro</a></p>
<p>[9.5] receiving the digital audio at the exterior device from the peripheral device;</p>	<p>The Doorbell Pro can receive digital audio from the peripheral device.</p> <p>For example, a user can transmit audio through the SimpliSafe app by pressing the microphone icon when seeing live video of the entrance.</p>

U.S. Pat. No. 10,097,797	Video Doorbell Pro
	<p data-bbox="632 297 1488 345">How to use the Video Doorbell's 2-Way Audio</p> <p data-bbox="632 412 777 436"><b>HOW TO USE</b></p> <p data-bbox="632 470 1182 495">Two-way audio works on all cameras in the SimpliSafe system.</p> <ul data-bbox="663 552 1381 639" style="list-style-type: none"><li data-bbox="663 552 1314 576">• To speak, hold down the microphone button while viewing the livestream</li><li data-bbox="663 581 1304 605">• To listen, release the microphone button to hear audio from the camera</li><li data-bbox="663 610 1381 639">• <b>You will not be able to hear</b> the audio while holding down the microphone button</li></ul> <p data-bbox="615 662 1900 732"><a href="https://support.simplisafe.com/hc/en-us/articles/360029810471-How-to-use-the-Video-Doorbell-s-2-Way-Audio">https://support.simplisafe.com/hc/en-us/articles/360029810471-How-to-use-the-Video-Doorbell-s-2-Way-Audio</a></p>


**U.S. Pat. No. 10,097,797**

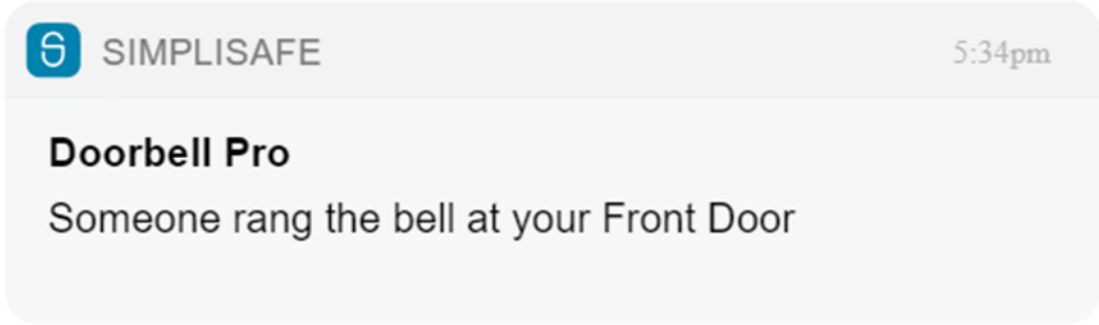
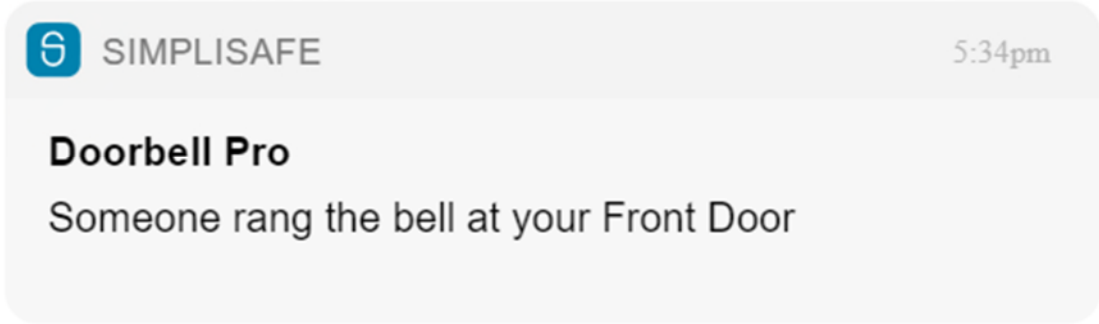
**Video Doorbell Pro**

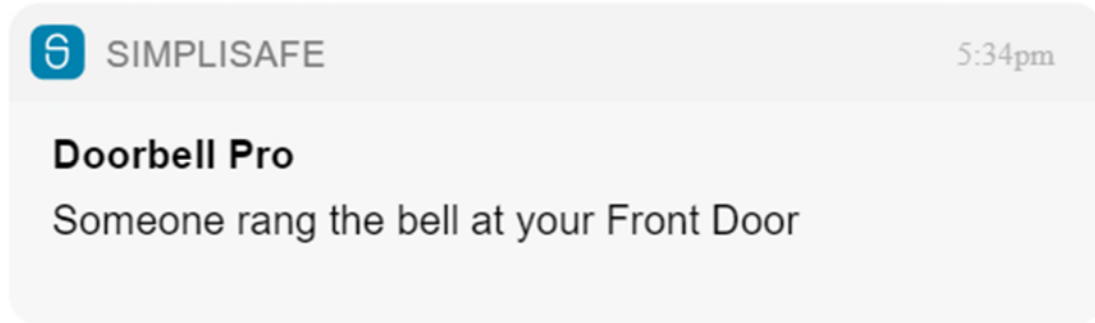


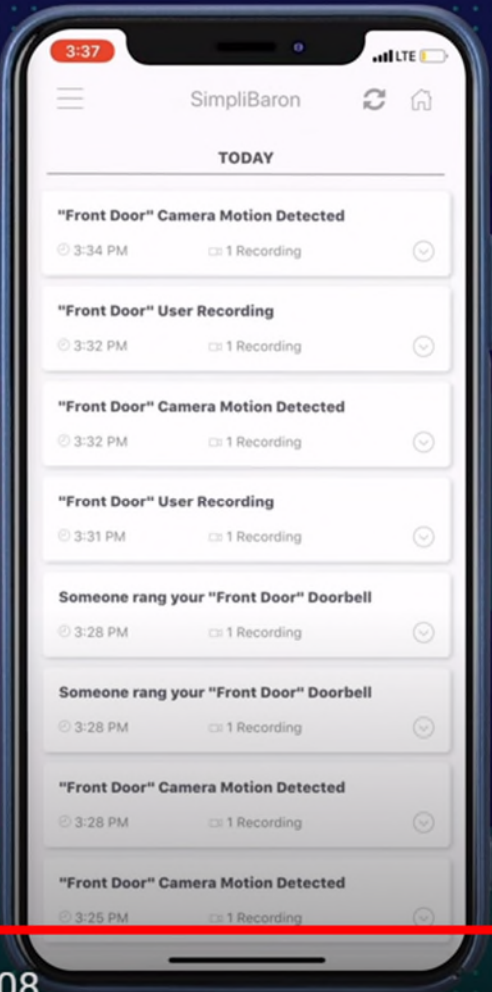
4:48 / 8:08

<https://www.youtube.com/watch?v=KbdcIUjvtWM> at 4:48 in video.

U.S. Pat. No. 10,097,797	Video Doorbell Pro
<p>[9.6] playing the digital audio at the exterior device using the speaker;</p>	<p>The Doorbell Pro can play the digital audio at the exterior device using the speaker.</p> <p>A user can transmit audio through the SimpliSafe app by pressing the microphone icon when seeing live video of the entrance.</p>  <p><b>Meet Doorbell Pro</b></p> <p>162° Field of View</p> <p>Smart motion detection</p> <p>2-way Audio</p> <p><b>FEATURES</b></p> <ul style="list-style-type: none"> <li>HDR Imaging</li> <li>1080p HD</li> <li>Infrared Night Vision</li> <li>2-way Audio</li> <li>Motion Alerts</li> <li>Pan and Zoom</li> <li>162° Wide Angle Field of View</li> <li>Door Chime</li> </ul> <p><b>REQUIREMENTS</b></p> <ul style="list-style-type: none"> <li>Wifi connection</li> <li>Existing doorbell setup</li> </ul> <p><a href="https://simplisafe.com/video-doorbell-pro">https://simplisafe.com/video-doorbell-pro</a></p>
<p>[9.7] receiving an indication that the one or more buttons of the keypad have been pressed;</p>	<p>The Doorbell Pro receives an indication that one or more buttons of the keypad have been pressed.</p> <p>For example, the Doorbell Pro can enable a notification message to be sent to the SimpliSafe app on the user's cell phone that the doorbell button has been pressed.</p>

U.S. Pat. No. 10,097,797	Video Doorbell Pro
	 <p>A screenshot of a notification from SIMPLISAFE. The notification has a blue header bar with the SIMPLISAFE logo on the left and the time '5:34pm' on the right. Below the header, the text reads 'Doorbell Pro' in bold, followed by 'Someone rang the bell at your Front Door'. At the bottom of the notification is a blue link: <a href="https://simplisafe.com/video-doorbell-pro">https://simplisafe.com/video-doorbell-pro</a>.</p>
<p>[9.8] displaying an icon on the peripheral device;</p>	<p>The Doorbell Pro enables the display of an icon on the peripheral device.</p> <p>For example, the Doorbell Pro will display a notification with icons when someone is detected at the door.</p>  <p>A screenshot of a notification from SIMPLISAFE, identical to the one in the previous row. It shows the SIMPLISAFE logo, the time '5:34pm', the title 'Doorbell Pro', the message 'Someone rang the bell at your Front Door', and the link <a href="https://simplisafe.com/video-doorbell-pro">https://simplisafe.com/video-doorbell-pro</a>.</p>

U.S. Pat. No. 10,097,797	Video Doorbell Pro
<p>[9.9] upon selection of the icon, viewing the digital streaming video from the exterior device</p>	<p>The Doorbell Pro enables viewing the digital streaming video from the exterior device upon selection of an icon.</p> <p>For example, when the user receives a notification message that someone is at the door, the user can view video from the Doorbell Pro.</p> <div data-bbox="655 539 1743 860"></div> <p><a href="https://simplisafe.com/video-doorbell-pro">https://simplisafe.com/video-doorbell-pro</a></p> <p>In addition, a user can select an icon on the SimpliSafe app to play recorded video and audio.</p>

U.S. Pat. No. 10,097,797	Video Doorbell Pro
	<div data-bbox="615 285 1289 1318"><p>5:40 / 8:08</p></div> <div data-bbox="615 1321 1535 1356"><a href="https://www.youtube.com/watch?v=KbdcIUjvtWM">https://www.youtube.com/watch?v=KbdcIUjvtWM</a> at 5:40 of the video.</div>

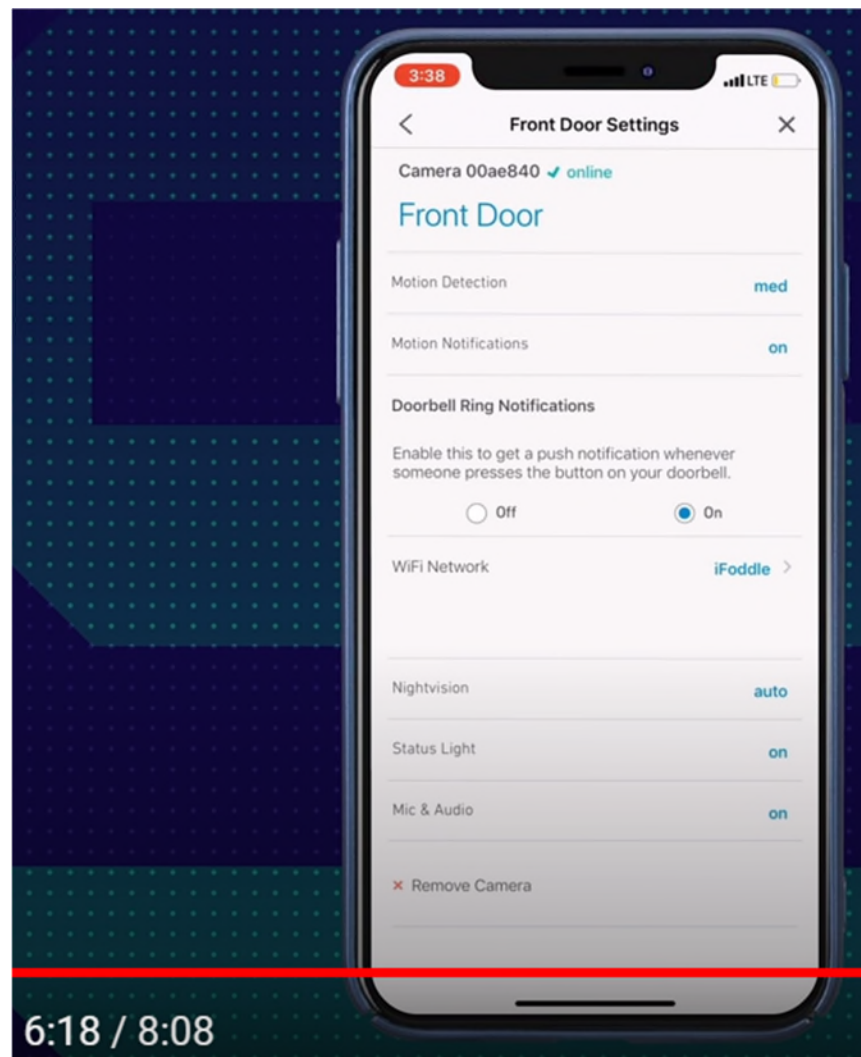


U.S. Pat. No. 10,097,797	Video Doorbell Pro
<p>[9.10] encrypting the recorded video and digital audio transmitted from the exterior device;</p>	<p>The Doorbell Pro enables the encrypting of recorded video and digital audio transmitted from the exterior device.</p> <p>All communications between the Doorbell Pro and the SimpliSafe app are encrypted.</p> <p><b>23. Is the SimpliSafe system secure?</b></p> <p>SimpliSafe uses end-to-end encoding, 256-bit encryption, and SSL security certification to keep your data safe. These industry-leading security measures are robust and designed to stop hackers from using home security data for malicious purposes.</p> <p><a href="https://www.security.org/home-security-systems/simplisafe/faqs/">https://www.security.org/home-security-systems/simplisafe/faqs/</a></p> <ul style="list-style-type: none"> <li>• All communication between the base station, the app and our indoor and outdoor cameras -- whether it happens via Wi-Fi or via cellular signal -- is encrypted.</li> </ul> <p><a href="https://www.cnet.com/news/home-security-systems-video-doorbells-user-privacy-data-security-abode-adt-comcast-nest-ring-simplisafe/">https://www.cnet.com/news/home-security-systems-video-doorbells-user-privacy-data-security-abode-adt-comcast-nest-ring-simplisafe/</a></p>
<p>[9.11] receiving a message from the exterior device;</p>	<p>Messages can be received by the Doorbell Pro.</p> <p>For example, the SimpliSafe app displays notification messages when a person is detected at the entrance.</p>

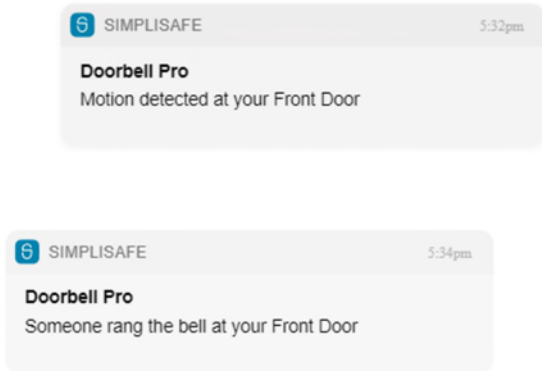
U.S. Pat. No. 10,097,797	Video Doorbell Pro
	<p data-bbox="627 298 1131 354">Doorbell Notifications</p> <p data-bbox="627 440 1860 508">Video Doorbell Pro will issue notifications to you when someone presses the doorbell button and when the camera detects motion.</p> <p data-bbox="627 542 1831 574">You can change the notification settings for both detected motion and a doorbell button press. <a data-bbox="1640 542 1831 574" href="#">Learn more here.</a></p> <p data-bbox="613 600 1717 633"><a data-bbox="613 600 1717 633" href="https://support.simplisafe.com/hc/en-us/articles/360035333172-Doorbell-Notifications">https://support.simplisafe.com/hc/en-us/articles/360035333172-Doorbell-Notifications</a></p>

U.S. Pat. No. 10,097,797

Video Doorbell Pro

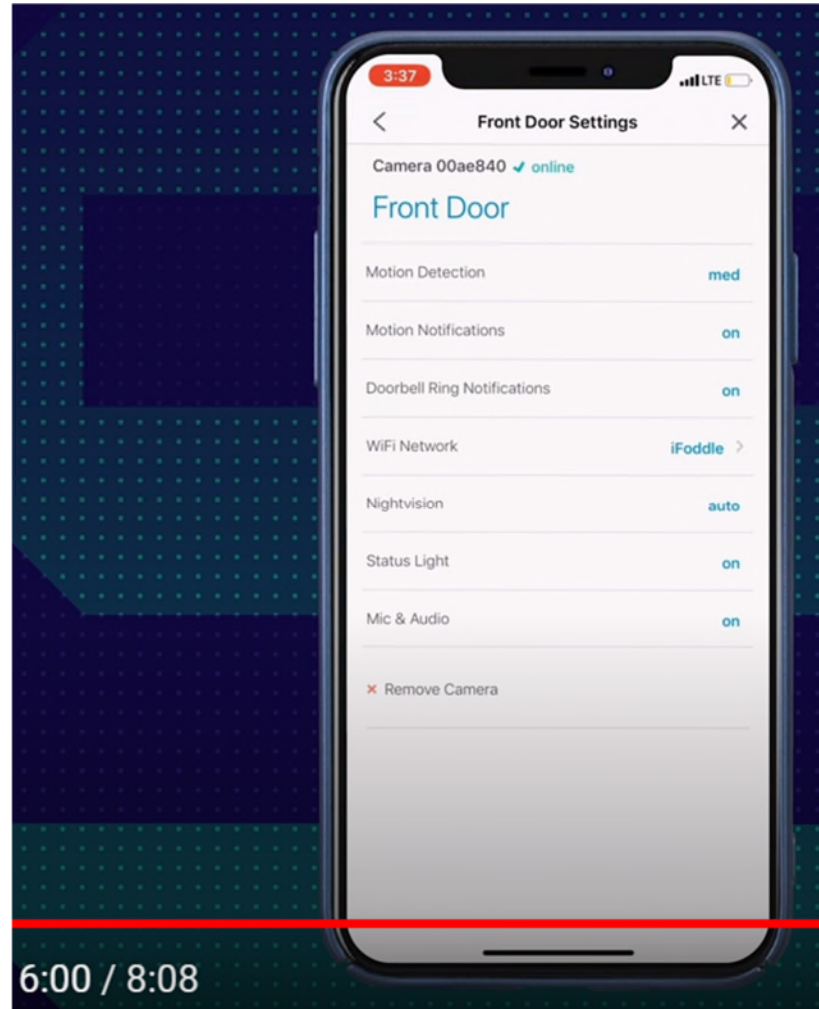


<https://www.youtube.com/watch?v=KbdcIUjvtWM> at 6:18 of video.

U.S. Pat. No. 10,097,797	Video Doorbell Pro
	 <p><a href="https://simplisafe.com/video-doorbell-pro">https://simplisafe.com/video-doorbell-pro</a></p>
[9.12] sending a message to the exterior device.	<p>Messages can be sent to the Doorbell Pro.</p> <p>The SimpliSafe app can send a number of messages to the Doorbell Pro. For example, the SimpliSafe app can send messages to adjust control settings to the Doorbell Pro.</p>

U.S. Pat. No. 10,097,797

Video Doorbell Pro



<https://www.youtube.com/watch?v=KbdcIUjvtWM> at 6:00 in video.

## How do I change my doorbell's settings?

1. From the app's home screen, click the three horizontal lines on the top left to pull out the side menu.
2. Next click "Cameras."
3. Click the gear icon in the top-right corner of the screen.
4. Select the camera whose settings you'd like to change.
  - Or change the setting for Video Verification before continuing on to your camera's settings.)
5. From here, you can change the following settings:

Setting	Explanation	Setting Options	Default Value
<i>Motion Detection:</i> Motion Events	Allows you to turn Motion Detection on or off.	On Off	On
<i>Motion Detection:</i> Motion Notification	Determines whether you will receive push notifications for motion events for your smartphone.	Off On	On
<i>Motion Detection:</i> Sensitivity (DAY)	Determines the sensitivity of detecting general movements during the day. This affects both notifications and automatic recordings.	Low Medium High	Medium
<i>Motion Detection:</i> Sensitivity (NIGHT)	Determines the sensitivity of detecting general movements during at night. This affects both notifications and automatic recordings.	Low Medium High	Medium
<i>Motion Detection:</i> Motion Type	Allows you to determine whether to focus on the movement of people or all types of movement.	People Only All Motion	People Only
<i>Motion Detection:</i> Activity Zone	Allows you to determine the zone in which the motion sensor will detect movement. <u>Activity Zone selection only works during the day.</u>	N/A	N/A

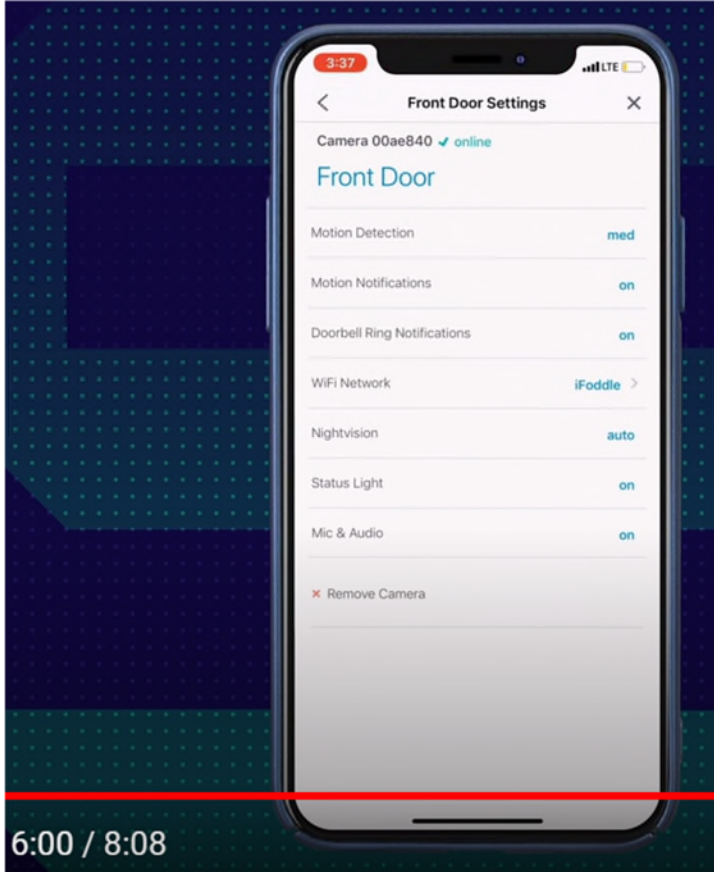
U.S. Pat. No. 10,097,797

Video Doorbell Pro

Nightvision	Emits an infrared light to allow the camera to view at night.	On Off Auto	Auto
Mic & Audio	Determines if audio is recorded with camera video	On Off	On
Picture Quality	Determines the picture quality. Higher picture quality makes your video clearer, but uses more internet bandwidth.	420p 720p 1080p	1080p
Status Light	LED light that indicates when the camera is recording.	On Off	On
Doorbell Notification	Determines whether you will receive push notifications for doorbell events for your smartphone.	On Off	On
WiFi Network	Allows you to choose the WiFi network for your cameras.	N/A	N/A
Base Station Chime Volume	Sets the volume at which your Base Station will chime when the Video Doorbell Pro is rung.	Off Low Medium High	Medium

<https://support.simplisafe.com/hc/en-us/articles/360029808731-How-do-I-change-my-doorbell-s-settings->

Complainants believe there are numerous other examples of control messages or instructions sent from the SimpliSafe app to the Doorbell Pro. Complainants will require additional discovery into the exact nature of these messages and reserves its right to amend these disclosures based on such discovery.

U.S. Pat. No. 10,097,797	Video Doorbell Pro
<p>[9.13] displaying multiple control settings for the exterior device;</p>	<p>The Doorbell Pro can enable the display of multiple control settings for the exterior device.</p> <p>For example, the SimpliSafe app displays a number of control settings for the Doorbell Pro.</p> <div data-bbox="611 433 1320 1300"><p>6:00 / 8:08</p></div> <p><a href="https://www.youtube.com/watch?v=KbdcIUjvtWM">https://www.youtube.com/watch?v=KbdcIUjvtWM</a> at 6:00 in video.</p>

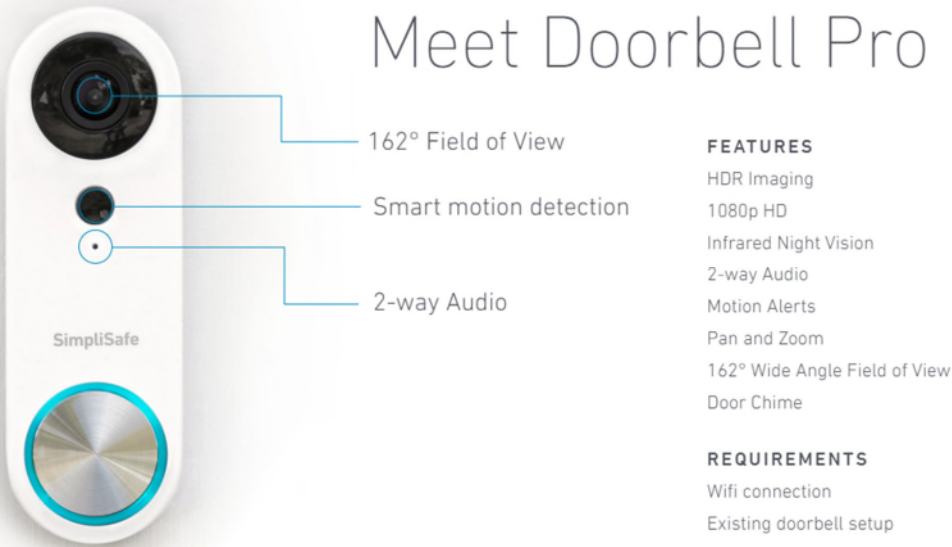


## How do I change my doorbell's settings?

1. From the app's home screen, click the three horizontal lines on the top left to pull out the side menu.
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4. Select the camera whose settings you'd like to change.
  - Or [change the setting for Video Verification](#) before continuing on to your camera's settings.)
5. From here, you can change the following settings:

Setting	Explanation	Setting Options	Default Value
<i>Motion Detection:</i> Motion Events	Allows you to turn Motion Detection on or off.	On Off	On
<i>Motion Detection:</i> Motion Notification	Determines whether you will receive push notifications for motion events for your smartphone.	Off On	On
<i>Motion Detection:</i> Sensitivity (DAY)	Determines the sensitivity of detecting general movements during the day. This affects both notifications and automatic recordings.	Low Medium High	Medium
<i>Motion Detection:</i> Sensitivity (NIGHT)	Determines the sensitivity of detecting general movements during at night. This affects both notifications and automatic recordings.	Low Medium High	Medium
<i>Motion Detection:</i> Motion Type	Allows you to determine whether to focus on the movement of people or all types of movement.	People Only All Motion	People Only
<i>Motion Detection:</i> Activity Zone	Allows you to determine the zone in which the motion sensor will detect movement. <a href="#">Activity Zone selection only works during the day.</a>	N/A	N/A

U.S. Pat. No. 10,097,797	Video Doorbell Pro																															
	<table><tr><td>Nightvision</td><td>Emits an infrared light to allow the camera to view at night.</td><td>On Off Auto</td><td>Auto</td></tr><tr><td>Mic &amp; Audio</td><td>Determines if audio is recorded with camera video</td><td>On Off</td><td>On</td></tr><tr><td>Picture Quality</td><td>Determines the picture quality. Higher picture quality makes your video clearer, but uses more internet bandwidth.</td><td>420p 720p 1080p</td><td>1080p</td></tr><tr><td>Status Light</td><td>LED light that indicates when the camera is recording.</td><td>On Off</td><td>On</td></tr><tr><td>Doorbell Notification</td><td>Determines whether you will receive push notifications for doorbell events for your smartphone.</td><td>On Off</td><td>On</td></tr><tr><td>WiFi Network</td><td>Allows you to choose the WiFi network for your cameras.</td><td>N/A</td><td>N/A</td></tr><tr><td>Base Station Chime Volume</td><td>Sets the volume at which your Base Station will chime when the Video Doorbell Pro is rung.</td><td>Off Low Medium High</td><td>Medium</td></tr></table> <p><a href="https://support.simplisafe.com/hc/en-us/articles/360029808731-How-do-I-change-my-doorbell-s-settings-">https://support.simplisafe.com/hc/en-us/articles/360029808731-How-do-I-change-my-doorbell-s-settings-</a></p>				Nightvision	Emits an infrared light to allow the camera to view at night.	On Off Auto	Auto	Mic & Audio	Determines if audio is recorded with camera video	On Off	On	Picture Quality	Determines the picture quality. Higher picture quality makes your video clearer, but uses more internet bandwidth.	420p 720p 1080p	1080p	Status Light	LED light that indicates when the camera is recording.	On Off	On	Doorbell Notification	Determines whether you will receive push notifications for doorbell events for your smartphone.	On Off	On	WiFi Network	Allows you to choose the WiFi network for your cameras.	N/A	N/A	Base Station Chime Volume	Sets the volume at which your Base Station will chime when the Video Doorbell Pro is rung.	Off Low Medium High	Medium
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[9.14] storing a message address associated with the exterior device; and	<p>The Doorbell Pro system stores the message address associated with the exterior device.</p> <p>Complainants believe discovery will show that the Doorbell Pro has unique identifiers associated with it, including at least a MAC address. Complainants believe that discovery will show that these unique identifiers are stored locally on the external device, in SimpliSafe’s back-end system, and/or by</p>																															

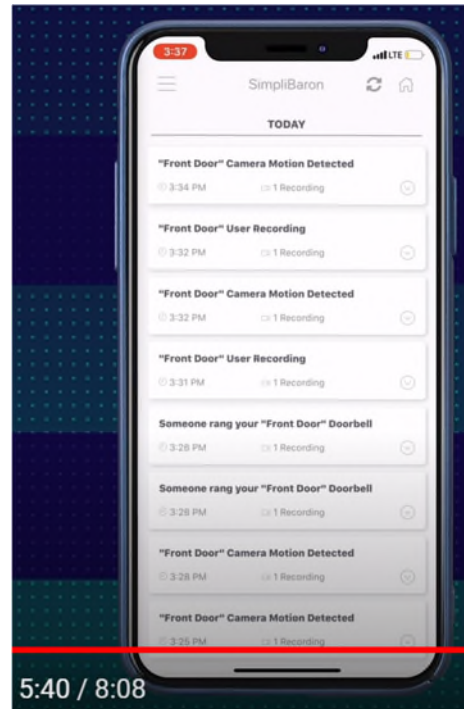
U.S. Pat. No. 10,097,797	Video Doorbell Pro
	<p>SimpliSafe's app in order to route messages to and from the appropriate exterior device and to otherwise identify the exterior device.</p> <p>For example, the Doorbell Pro unit has a unique identifier, such as an IP and/or MAC address, that allows for Wi-Fi communication with the device. This address can be stored on the SimpliSafe app or on a server to enable communication with the Doorbell Pro.</p>  <p><a href="https://simplisafe.com/video-doorbell-pro">https://simplisafe.com/video-doorbell-pro</a></p>
[9.15] placing a timestamp on the digital streaming video before transmission of the digital streaming video by the exterior device.	<p>The Doorbell Pro is able to place a timestamp on the digital streaming video before transmission of the digital streaming video by the exterior device.</p> <p>Complainants believe discovery will show that the Doorbell Pro timestamps the digital streaming video prior to transmission when it packetizes the video for transmission over the internet, including by</p>

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## Video Doorbell Pro

placing requisite timestamps on packets as required by the underlying transport protocol used by SimpliSafe. Complainants also believe discovery will show that the SimpliSafe timestamps the streaming video in other ways prior to transmission, including placing a timestamp on the video for local and remote storage purposes.

The Doorbell Pro can provide the date and time that every video is recorded.



<https://www.youtube.com/watch?v=KbdcIUjvtWM> at 5:40 of the video.

Based on the timestamp used with the recorded video on the SimpliSafe app, Complainants believe that at least the packets of video and information stored within the video itself are time stamped prior to

<b>U.S. Pat. No. 10,097,797</b>	<b>Video Doorbell Pro</b>
	transmission. Complainants will require additional discovery into the exact nature of the timestamp and reserves its right to amend these disclosures based on such discovery.